

Converting Colors

Hex(8CA8EA)

Have a look what the booklet for
Hex(8CA8EA) contains.

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Color

Hex(8CA8EA)

Conversions

Conversions Part 1

Format	Color
Hex	8CA8EA
RGB	140, 168, 234
RGB Percent	55%, 66%, 92%
CMY	0.4510, 0.3412, 0.0824
CMYK	0.40, 0.28, 0.00, 0.08
HSL	222°, 69%, 73%
HSV	222°, 40%, 92%
XYZ	39.6691, 39.5212, 83.3795
YIQ	167.1520, -37.8740, 14.5900

Conversions

Conversions Part 2

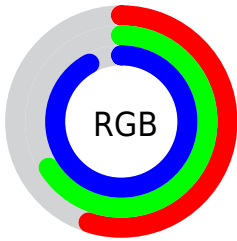
Format	Color
R _Y B	140, 162, 234
Decimal	9218282
CIE Lab	69.13, 6.73, -36.21
CIE LCh	69, 36.826, 280.532
Yxy	39.5212, 0.2440, 0.2431
Android (android.graphics.Color)	4287408362 (0xFF8CA8EA)
YUV	167.1520, 32.9561, -23.8123
Hunter-Lab	62.8659, 2.6203, -34.6306

Details

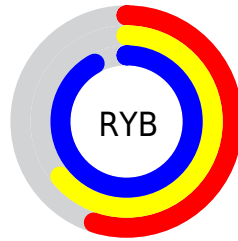
The Hex color **8CA8EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EACE8C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C4DFFF**, and **5574B2** is the 20% darker color. If you saturate the color by 10%, you get **7598EA**, and if you desaturate by 10%, it is **A3B8EA**.

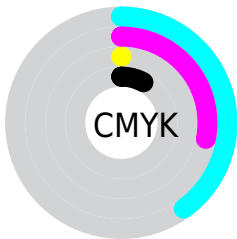
Distribution



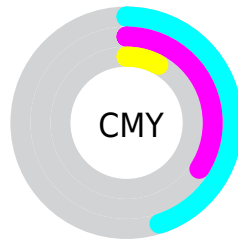
- Red (55%)
- Green (66%)
- Blue (92%)



- Red (55%)
- Yellow (64%)
- Blue (92%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA8EA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8CA8EA by changing the saturation by 10% instead.

■ 8CA8EA

■ 8CA8EA

FFFFFF

■ 708ECE

■ C4DFFF

■ 5574B2

■ E1FCFF

■ 395C97

■ 19457D

■ 002F64

■ 001B4B

■ 000234

■ 00021E

■ 000001

■ 8CA8EA

■ 8CA8EA

■ 7598EA

■ A3B8EA

■ 5D87EA

■ BBC9EA

■ 4677EA

■ D2D9EA

■ 2E66EA

■ EAEAEA

■ 1756EA

■ FFFAEA

■ 0046EA

■ FFFFEA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53B2E7



8CA8EA



BC9CDC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8CA8EA



E5947F



65B991

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8CA8EA



EACE8C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8FB375



8CA8EA



D19F6A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8CA8EA



EA8F9E



B3AB66



37BBB4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8CA8EA



D395CA



B3AB66



74B887

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8CA8EA



E0EAFF



8CEACE



6E7380



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8CA8EA



85A9FF



9F8CEA



6A6D75



0036B5



001036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EA8CA8



FF85A9



D7EA8C



756A6D



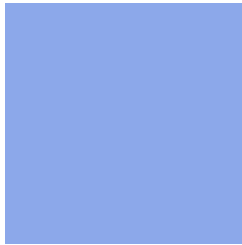
B50036



360010

Previews

White Background



This preview shows how the Hex color 8CA8EA looks on a white background.

Color Contrast Check

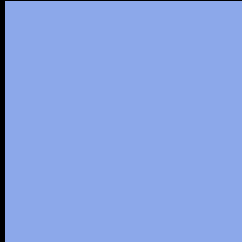
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8CA8EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

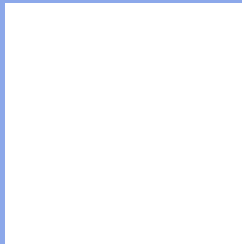
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8CA8EA Background



This preview shows how black text looks on a background with the Hex color 8CA8EA.



This preview shows how white text looks on a background with the Hex color 8CA8EA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
8CA8EA

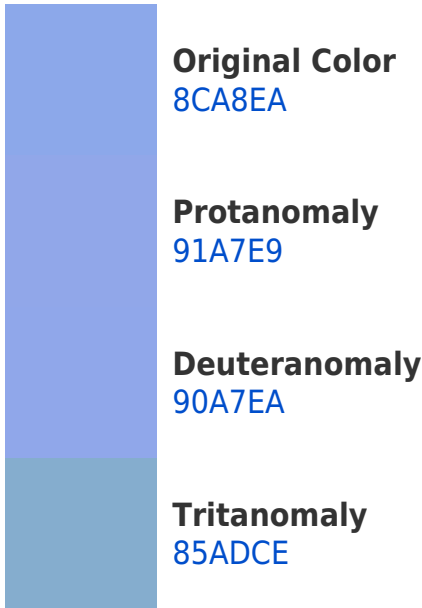
Protanopia
94A6E8

Deuteranopia
92A6EA

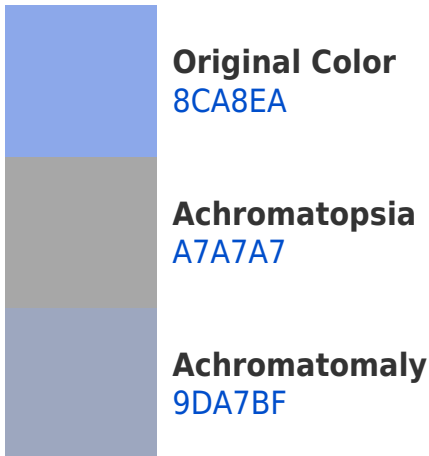


Tritanopia
81B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA8EA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8CA8EA looks like.

```
.text, #text, p{  
    color:#8CA8EA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8CA8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA8EA
}
```

Border

The CSS property to change the border of an element to Hex 8CA8EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8CA8EA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8CA8EA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8CA8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA8EA; -webkit-box-shadow:4px 4px  
4px 4px #8CA8EA; box-shadow:4px 4px 4px  
4px #8CA8EA }
```

Background

The CSS property to change the background color of an element to Hex 8CA8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA8EA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8CA8EA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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